

As
(concluded)
Ls/do of the width Ls to the outer diameter do of the roller 30 should be 0.24 –
0.27.

IN THE CLAIMS:

Please amend claims 1-2, 4 and 6-7 as follows:

Sub B2 > 1. (Amended) A tripod constant velocity universal joint comprising:

an outer joint member having three axial track grooves in an inner periphery and roller guide surfaces formed in opposing side walls of each track groove;

a tripod member having three radially projecting trunnion journals; and
rollers that rotate around respective trunnion journals through a plurality of needle rollers and received in the track grooves of said outer joint member, each roller being guided on an outer peripheral surface by said roller guide surfaces,

wherein contact between said roller and said roller guide surfaces is circular contact having a contact ratio 1.01 or above, wherein a width dimension of said roller is reduced to an extent that a contact ellipse produced by said roller during application of a predetermined torque does not deviate from an end surface of said roller, and

wherein said contact ratio is defined by a ration of a radius of curvature of said roller guide surface relative to a radius of curvature of said outer peripheral surface.

Sub 02 > 2. (Amended) A tripod constant velocity universal joint as set forth in Claim 1, wherein the contact ratio of said roller to said roller guide surface is so set that contact surface pressure produced on said roller during application of the predetermined torque is not more than contact surface pressure produced between said trunnion journal and said needle rollers.